

Cited in Biological Abstracts; Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / Life Sciences;  
EMBASE/Excerpta Medica; Index Medicus; Informedicus; Pascal M

## CONTENTS

## Regular articles

- 17 $\beta$ -Estradiol upregulates distinct maxi-K channel transcripts in mouse uterus  
A.J. Holdiman, D.J. Fergus, S.K. England (USA) 1
- Mechanism of angiotensin II-induced phospholipase D activation in bovine adrenal glomerulosa cells  
W.B. Bollag, E.M. Jung, R.A. Calle (USA) 7
- Three mRNA species for mammalian-type gonadotropin-releasing hormone in the brain of the eel *Anguilla japonica*  
K. Okubo, H. Suetake, K. Aida (Japan) 17
- Mechanisms of bradykinin-induced glucagon release in clonal  $\alpha$ -cells In-R1-G9: involvement of Ca<sup>2+</sup>-dependent and -independent pathways  
S. Yibchok-anun, H. Cheng, E.A. Abu-Basha, J. Ding, M. Ioudina, W.H. Hsu (USA) 27
- Insulin but not insulin-like growth factor-I promotes the primordial to primary follicle transition  
P.R. Kezele, E.E. Nilsson, M.K. Skinner (USA) 37
- Progesterone receptor activates its promoter activity in human endometrial stromal cells  
M. Tang, J. Mazella, J. Gao, L. Tseng (USA) 45
- Evidence that PACAP and GnRH down-regulate follicle-stimulating hormone- $\beta$  mRNA levels by stimulating follistatin gene expression: effects on folliculostellate cells, gonadotrophs and L $\beta$ T2 gonadotroph cells  
Y. Fujii, Y. Okada, J.P. Moore Jr., A.C. Dalkin, S.J. Winters (USA) 55
- G120K-PEG, a human GH antagonist, decreases GH signal transduction in the liver of mice  
A.C.P. Thirone, C.R.O. Carvalho, M.J.A. Saad (Brazil) 65
- Hyperglycemia enhances VSMC proliferation with NF- $\kappa$ B activation by angiotensin II and E2F-1 augmentation by growth factors  
N. Fujita, Y. Furukawa, J. Du, N. Itabashi, G. Fujisawa, K. Okada, T. Saito, S. Ishibashi (Japan) 75
- The zinc finger/homeodomain protein  $\delta$ EF1 mediates estrogen-specific induction of the ovalbumin gene  
N.B. Dillner, M.M. Sanders (USA) 85
- Estrogen receptor-mediated effects of tamoxifen on human endometrial cancer cells  
T. Sakamoto, H. Eguchi, Y. Omoto, T. Ayabe, H. Mori, S.-i. Hayashi (Japan) 93
- Expression and modification of PKA and AKAPs during meiosis in rat oocytes  
M. Kovo, R.V. Schillace, D. Galiani, L.B. Josefsberg, D.W. Carr, N. Dekel (Israel, USA) 105
- Expression of mRNA encoding growth differentiation factor 9 and bone morphogenetic protein 15 during follicular formation and growth in a marsupial, the brushtail possum (*Trichosurus vulpecula*)  
D.C. Eckery, L.J. Whale, S.B. Lawrence, K.A. Wylde, K.P. McNatty, J.L. Juengel (New Zealand) 115
- Hormonal regulation of DNA polymerase  $\beta$  activity and expression in rat adrenal glands and testes  
M. Kotake, A. Nakai, A. Nagasaka, M. Itoh, H. Hidaka, S. Yoshida (Japan) 127

Continued on inside back cover

**CONTENTS**  
**direct**

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: [www.elsevier.nl/locate/contentsdirect](http://www.elsevier.nl/locate/contentsdirect)



0303-7207(20020628)192:1-2;1-S

08040

# MOLECULAR AND CELLULAR ENDOCRINOLOGY

**Publication information:** *Molecular and Cellular Endocrinology* (ISSN 0303-7207). For 2002, volumes 184–197 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (<http://www.elsevier.nl/locate/mce>). Further information is available on this journal and other Elsevier Science products through Elsevier's website: (<http://www.elsevier.nl>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

**Orders, claims and product enquiries:** please contact the Customer Support Department at the Regional Sales Office nearest you:

**New York:** Elsevier Science, P.O. Box 945, New York, NY 10159-0945, USA; Tel. (+1)212-633-3730 [Toll free number for North American customers: 1-888-4ES-INFO (437-4636)]; Fax (+1)212-633-3680; E-mail: [usinfo-f@elsevier.com](mailto:usinfo-f@elsevier.com)

**Amsterdam:** Elsevier Science, P.O. Box 211, 1000 AE Amsterdam, The Netherlands; Tel. (+31)20-4853757; Fax (+31)20-4853432; E-mail: [nlinfo-f@elsevier.nl](mailto:nlinfo-f@elsevier.nl)

**Tokyo:** Elsevier Science, 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044, Japan; Tel. (+81)3-5561-5033; Fax (+81)3-5561-5047; E-mail: [info@elsevier.co.jp](mailto:info@elsevier.co.jp)

**Singapore:** Elsevier Science, No. 1 Temasek Avenue, #17-01 Millenia Tower, Singapore 039192, Tel. (+65)434-3727; Fax (+65)337-2230; E-mail: [asiainfo@elsevier.com.sg](mailto:asiainfo@elsevier.com.sg)

**Rio de Janeiro:** Elsevier Science, Rua Sete de Setembro 111/16 Andar, 20050-002 Centro, Rio de Janeiro - RJ, Brazil; Tel. (+55)21-509-5340; Fax (+55)21-507-1991; E-mail: [elsevier@campus.com.br](mailto:elsevier@campus.com.br) [Note (Latin America): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]

**Advertising information.** Advertising orders and enquiries can be sent to: **USA, Canada and South America:** Mr Tino de Carlo, The Advertising Department, Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010-5107, USA; phone: (+1) (212) 633 3815; fax: (+1) (212) 633 3820; e-mail: [t.decarlo@elsevier.com](mailto:t.decarlo@elsevier.com). **Japan:** The Advertising Department, Elsevier Science K.K., 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044, Japan; phone: (+81) (3) 5561 5033; fax: (+81) (3) 5561 5047. **Europe and ROW:** Rachel Leveson-Gower, The Advertising Department, Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+44) (1865) 843565; fax: (+44) (1865) 843976; e-mail: [r.leveson-gower@elsevier.co.uk](mailto:r.leveson-gower@elsevier.co.uk)

**Authors in Japan please note:** Upon request, Elsevier Science K.K. will provide authors with a list of people who can check and improve the English of their paper (*before submission*). Please contact our Tokyo office: Elsevier Science K.K., 1-9-15 Higashi Azabu, Minato-ku, Tokyo 106, tel. (+81)-3-5561-5032, fax (+81)-3-5561-5045.

If you need information about the journal, you can find all details (including full "Notes to Authors") on the World Wide Web: access under <http://www.elsevier.nl/locate/mce> or <http://www.elsevier.com/locate/mce>

(Contents continued from back cover)

Mouse pituitary adenylate cyclase-activating polypeptide (PACAP): gene, expression and novel splicing K.J. Cummings, S.L. Gray, C.J.T. Simmons, C.A. Kozak, N.M. Sherwood (Canada, USA)	133
MT <sub>1</sub> melatonin receptor overexpression enhances the growth suppressive effect of melatonin in human breast cancer cells L. Yuan, A.R. Collins, J. Dai, M.L. Dubocovich, S.M. Hill (USA)	147
Organochlorine pesticides directly regulate gonadotropin-releasing hormone gene expression and biosynthesis in the GT1-7 hypothalamic cell line A.C. Gore (USA)	157
Structural regions of ER $\alpha$ critical for synergistic transcriptional responses contain co-factor interacting surfaces G. Sathya, P. Yi, S. Bhagat, R.A. Bambara, R. Hilf, M. Muyan (USA)	171
Regulation of endometrial adenocarcinoma cell proliferation by Activin-A and its modulation by 17 $\beta$ -estradiol N. Di Simone, A.L. Schneyer, D. Caliandro, R. Castellani, A. Caruso (Italy, USA)	187
Rapid paper Hypoxia decreases Runx2/Cbfa1 expression in human osteoblast-like cells J.H. Park, B.H. Park, H.K. Kim, T.S. Park, H.S. Baek (Republic of Korea)	197
Notes for authors	I

